

5/18/86  
septic  
or  
completed  
B

5/16/86  
AS

# PERMIT

P 36892  
A 32317

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH\*

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH

ELLICOTT CITY

DISTRICT 1st

INDEXED

~~392-2330~~  
461-9933

DATE 5/6/86

Robert L. Covey IS PERMITTED TO INSTALL X ALTER

ADDRESS 1896 Montevideo Road, Jessup, Md. 20794 PHONE 799-5537

SUBDIVISION Talbot's Last Shift ROAD 5051 Ilchester Road LOT 12-D

PROPERTY OWNER Paul Anderson

ADDRESS \_\_\_\_\_

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES \_\_\_\_\_ NO X

SEPTIC TANK CAPACITY 1,000 GALLONS NUMBER OF BEDROOMS 3

**TRENCHES - Trench to be 2 ft. wide. Inlet 3 1/2 ft. below original grade. Bottom maximum depth 8 1/2 ft. below original grade. Effective area begins at 3 1/2 ft. below original grade. 5 feet of stone below distribution pipe. 180 sq. ft. effective sidewall area per bedroom. Start the trench 160 ft. from the front lot line and 45 ft. from the right lot line as seen when facing the property from the shortest (96.4') lot line. Run trench(es) along contour toward left lot line remaining at least 100 ft. from any well. NOTE: NO TRENCH TO EXCEED 100 FEET IN LENGTH. IF MORE THAN ONE TRENCH USED, A DISTRIBUTION BOX IS REQUIRED. TRENCHES TO BE INSTALLED ON LEVEL GROUND. CALL FOR INSPECTION OF TRENCH BEFORE AND AFTER GRAVEL IS INSTALLED.**

BLDG. PERMIT SIGNED  
AND RETURNED 4/26/86  
Serial # 71248  
Prot.

PLANS APPROVED BY Craig Williams DATE 4/30/86

COVER NO WORK UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

NOTE: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER. NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH.

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 40 PVC OR ABS.

BLDG. PERMIT SIGNED  
AND RETURNED 4/6/89

PERMIT VOID AFTER THREE YEARS.

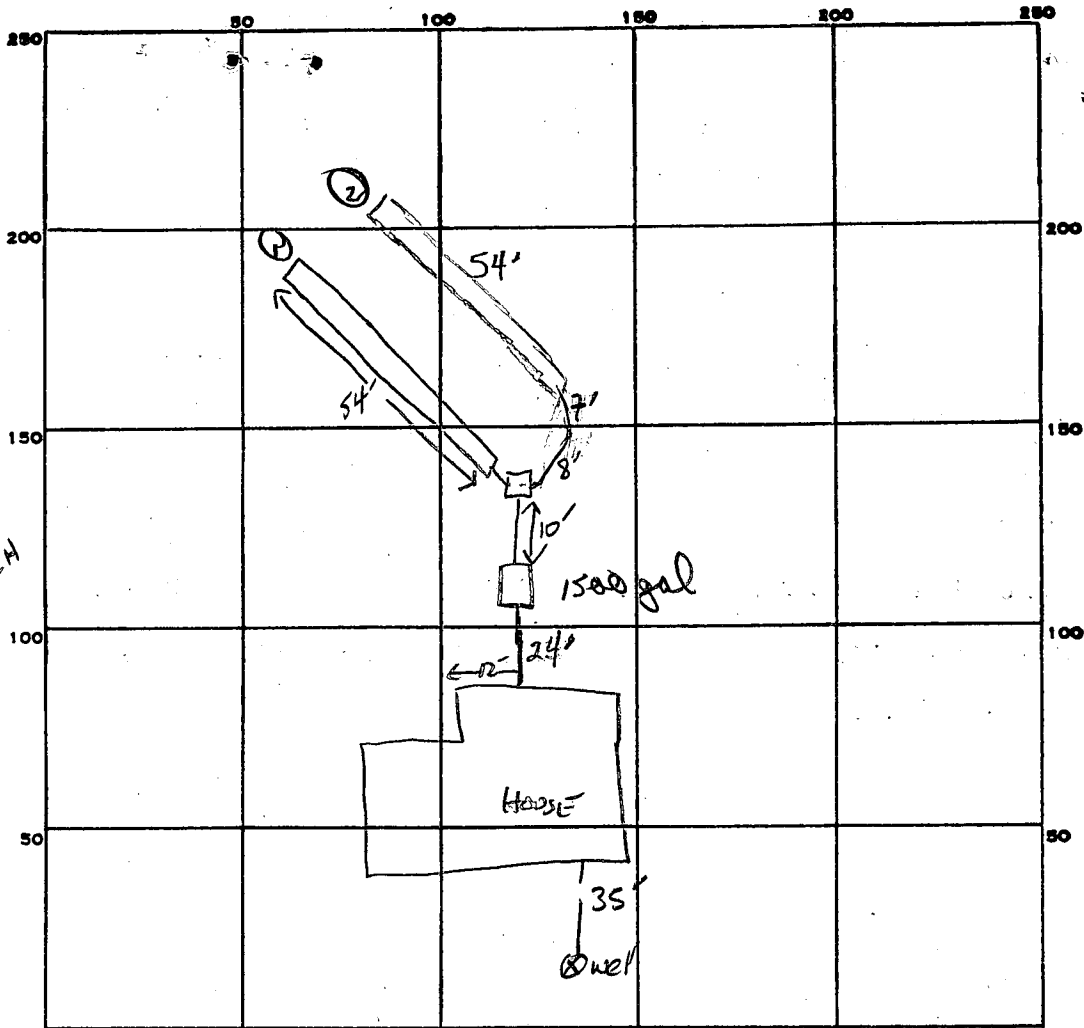
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

Serial # 24570  
Addition

**\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

~~CALL 392-2330~~ FOR INSPECTION OF SEPTIC SYSTEMS.

A  
32317



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.  
ROW

180  
51540  
108 FT TRENCH

PERMIT CARD

SEPTIC TANK, LEVEL  1500 GAL

CLEANOUTS

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH 8.5 FT. TRENCH WIDTH 2 FT. INLET 3.5

GRAVEL DEPTH 5 5 IN. TOTAL LENGTH 54 54 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL TOTAL BOTTOM AREA 270 270

SEEPAGE PITS, INSIDE DIAMETER \_\_\_\_\_ FT. DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA 540 SQ. FT.

REMARKS S-7-86 OK TO ADD STONE TO TRENCH, SAME

OK TO COVER TRENCH #1, OK TO ADD PIPE PAPER TO TRENCH #2

OK TO COVER BOTH TRENCHES & ALL WORK EXCEPT AREA FOR S.T. C/O. Final given when that is installed

DATE SYSTEM APPROVED 5/1

INSPECTOR C

SUBDIVISION:

TALBOTT'S LAST SHIFT

LOT NUMBER: 12D

A \_\_\_\_\_

DRY WELL OR DRY WELL AND TRENCH

\_\_\_\_\_ sq. ft./bedroom

	<u>Septic Tank</u>	<u>Minimum Total square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet \_\_\_\_\_ feet below original grade.

Bottom maximum depth \_\_\_\_\_ feet below original grade.

Effective area begins at \_\_\_\_\_ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5 foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with \_\_\_\_\_ feet of stone below distribution pipe.

TRENCHES

180 sq. ft./bedroom

Trench to be 2 wide.

Inlet 3 1/2 feet below original grade.

Bottom maximum depth 8 1/2 feet below original grade.

Effective area begins at 3 1/2 feet below original grade.

5 feet of stone below distribution pipe.

3 Bed  
No

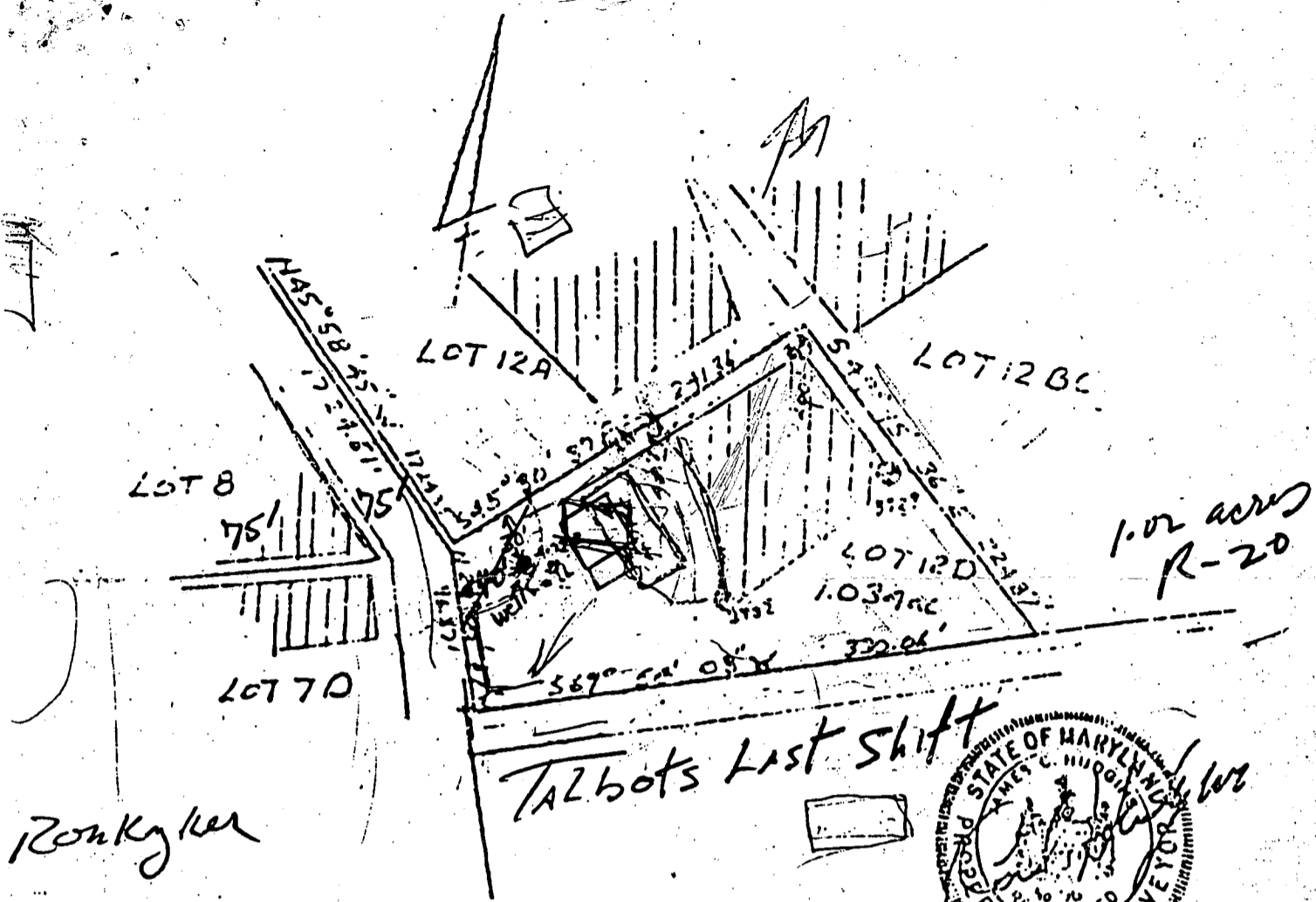
INSTALLER  
ROBERT  
COVEY

- NOTE:
- (1) No trench to exceed 100 feet in length.
  - (2) If more than one trench used, a distribution box is required.
  - (3) Trenches to be installed on level ground.
  - (4) Call for inspection of trench before gravel is installed.
  - (5) Provide 6"-8" diameter cleanout and cap to grade or above on septic tank and drywell.
  - (6) If a Garbage disposal is used, increase septic tank capacity by 50% and increase absorbant sidewall area by 22%.

LOCATION: START THE TRENCH 160' FROM THE FRONT  
LOT LINE AND 45' FROM THE RIGHT LOT LINE  
AS SEEN WHEN FACING THE PROPERTY FROM THE  
SHORTEST (98.4') LOT LINE, RUN TRENCH(S)  
ALONG CONTOUR TOWARD LEFT LOT LINE REMAINING  
AT LEAST 100' FROM ANY WELL.

4/30/86 CWJ/llh





*Ronkyler*

*TALBOTS LAST SHIFT*



**PERCOLATION TEST PLAT**  
 This area designates a private sewage easement of 2,000 square feet as required by the Maryland State Department of Health and Mental Hygiene for individual sewage disposal. Improvements of any nature in this area are restricted until public sewage is available. These easements shall become null and void upon connection to a public sewage system. The County Health Officer shall have the authority to grant variances for encroachments into the private sewage easement. Recordation of a modified sewage easement shall not be necessary.

**PERCOLATION TEST PLAT**

PARCEL 12D

TALBOTS LAST SHIFT  
 PROPERTY OF

HOWARD ASSOCIATES  
 1st Election District  
 Howard County, Maryland  
 Scale "1" = 100'  
 Date 2.13.72

Percolation test holes shown hereon have been field located and shown as *(1)*

The lots shown hereon comply with the minimum ownership width and lot areas as required by the Maryland State Department of Health and Mental Hygiene.

Percolation areas and water wells for adjoining lots have been shown where pertinent.

APPROVED: For Private Water and Private Sewage Systems

*[Signature]*  
 County Health Officer / *S.S.*

*12/13/72*  
 Date

*hji*  
 NIT ASSOCIATES, INC.  
 Suite 101, Sterrett Place  
 Columbia, Maryland 21044  
 321-0307

**DRY WELL or Day Well + Trench**

158

sq ft / bdrm

	<u>Septic Tank</u>	<u>Minimum Total sq ft</u>
if 3 Bdrm	1000 gal.	475 sq. ft.
if 4 Bdrm	1250 gal.	635 sq. ft.
5 Bdrm	1500 gal.	

increase 50% for garbage disposal

Inlet 4 ft below original grade  
 Maximum depth 9 ft below original grade  
 Effective area begins at 4 ft below orig. grade

Note: If Trench is used to make up absorbent area, run the trench on level ground and leave a 5' earth buffer between drywell and trench. No trench is to exceed 100' in length. Trench inlet to be same as Day Well, with 5 ft of stone below distribution pipe.

Location: PLACE THE DRYWELL 10 FT. FROM THE LEFT PROPERTY LINE (NEXT TO LOT 12A) AND 100 FT FROM THE BACK PROPERTY LINE (224') AS SEEN WHEN FACING THE PROPERTY FROM THE MAIN ACCESS ROAD LEADING TO ILCHESTER RD.

BLDG. PERMIT SIGNED AND RETURNED 1-28-82

*O. Williams*  
12-22-82

Start trench

15 ft. from the left (241') lot line

130 ft. from the rear (224') lot line

and run along level ground (constant elev.)

PRELIMINARY

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE.

A 32317

P \_\_\_\_\_

DISTRICT 1st

DATE 11/17/82

12/8/82  
1:30 P.M.

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER ~~John L. & Rosanne Terosino~~ <sup>Suzanne Homes</sup> Anderson ?  
ADDRESS 606 Markham Road, Baltimore, Md. 21229 PHONE Rhett Realty Georgia Resch - 465-4920

PROPERTY LOCATION:

SUBDIVISION Talbot's Last Shift LOT NO. 12D  
ROAD AND DESCRIPTION # 5057 Ilchester Road (12A,D to be subdivided into two lots - combined now)

SIZE OF LOT (?) TYPE BLDG. 3 or 4 bedrooms  
(NUMBER OF BEDROOMS)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

Georgia L. Resch  
(SIGNATURE OF APPLICANT)

APPROVED BY Craig Williams FOR ALL DATE 12-2-82

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

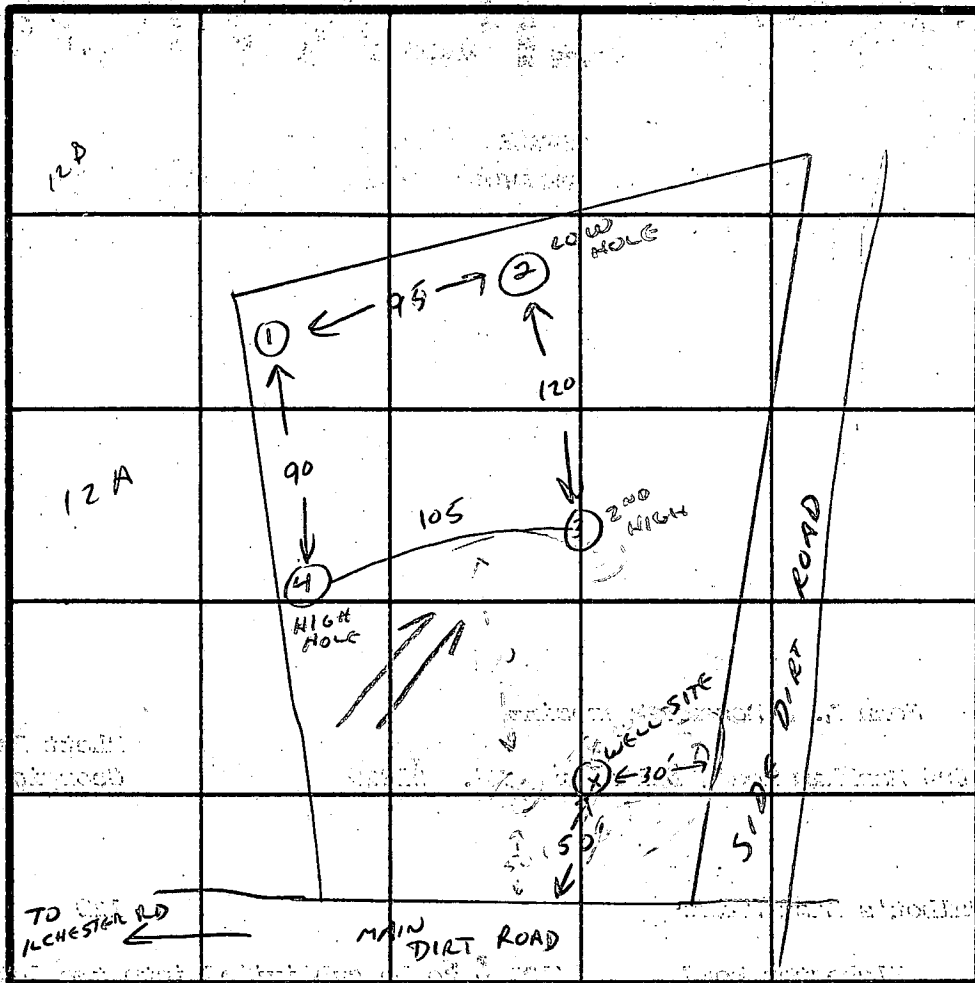
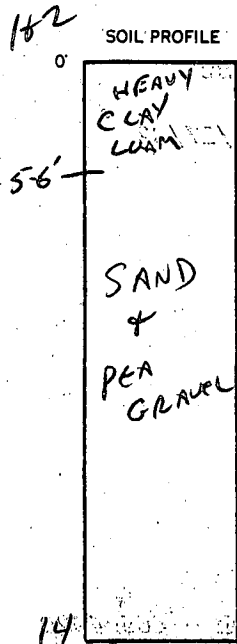
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

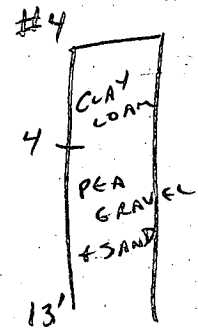
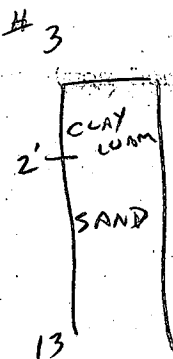
B.P. # 68375  
APP 1-28-86

BLDG. PERMIT SIGNED  
AND RETURNED 1-28-86

# THIS IS NOT A PERMIT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12-2-82	1	6'	1:57	1:59	1:59	2:03	4 MIN
		14'	VISUAL	SAND & PEA GRAVEL			
	2	5'	2:09	TOO FAST TO MEASURE			low
		14'					
	3	2'	2:15	TOO FAST TO MEASURE			
		13'					
	4	4'	2:27	HOLE CAVED IN			high
		13'		-UNSTABLE SAND			

REMARKS CLAY TOP THEN PERCS QUICK IN SANDY GRAVEL

TYPE OF SOIL SAND & PEA GRAVEL UNDER HEAVY CLAY LAYER

TESTED BY Craig Williams ALSO PRESENT OLLIN KOTTERMAN & FEATHER

EH-12-1079

PRELIMINARY

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

A 32317

P \_\_\_\_\_

DISTRICT 1st

DATE 11/17/82

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER John L. & Rosanne Torosino

ADDRESS 606 Markham Road, Baltimore, Md. 21229 PHONE Rhett Realty Georgia Resch - 465-4920

PROPERTY LOCATION:

SUBDIVISION Talbot's Last Shift LOT NO. 12D

ROAD AND DESCRIPTION Ilchester Road (12A,D to be subdivided into two lots - combined now)

SIZE OF LOT (?) TYPE BLDG. 3 or 4 bedrooms  
(NUMBER OF BEDROOMS)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

Georgia L. Resch  
(SIGNATURE OF APPLICANT)

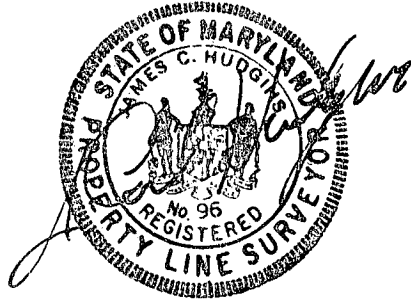
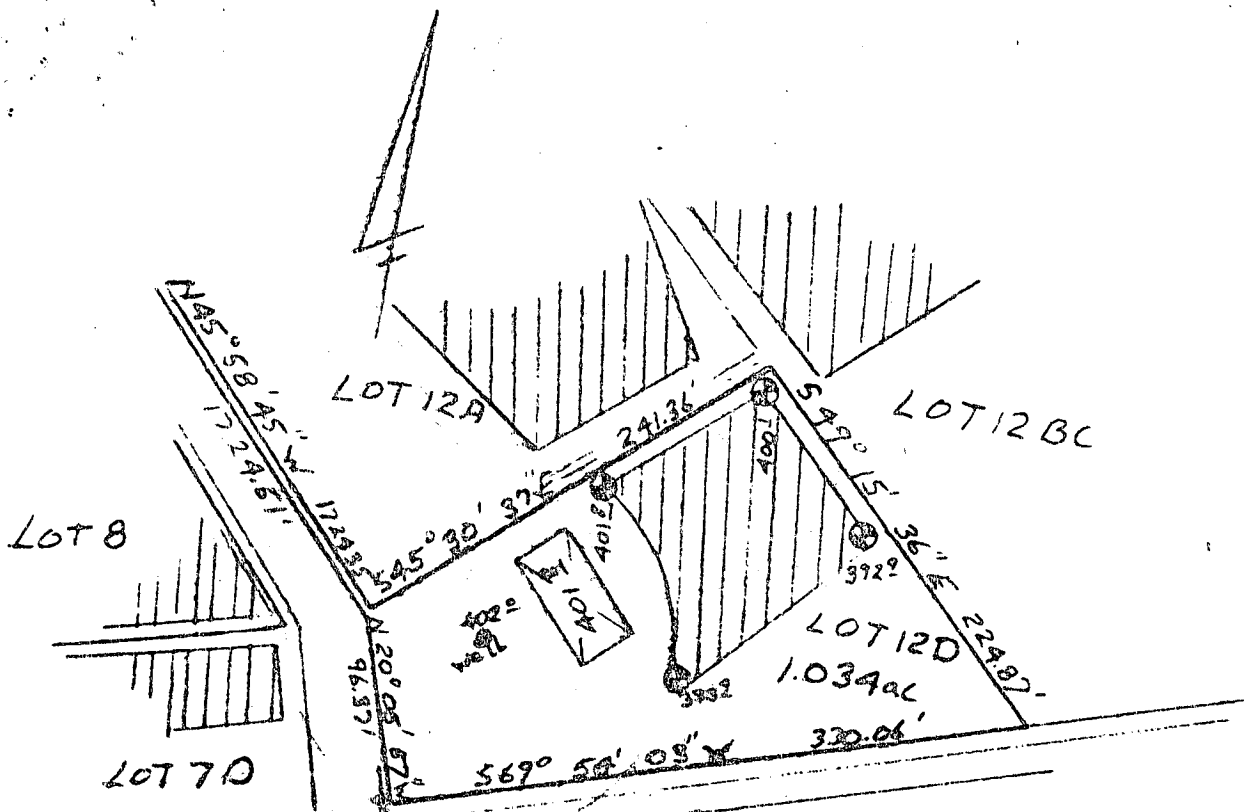
APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

# THIS IS NOT A PERMIT



**[Hatched Area]** This area designates a private sewage easement of 10,000 square feet as required by the Maryland State Department of Health and Mental Hygiene for individual sewage disposal. Improvements of any nature in this area are restricted until public sewage is available. These easements shall become null and void upon connection to a public sewage system. The County Health Officer shall have the authority to grant variances for encroachments into the private sewage easement. Recordation of a modified sewage easement shall not be necessary.

Percolation test holes shown hereon have been field located and shown as 

The lots shown hereon comply with the minimum ownership width and lot areas as required by the Maryland State Department of Health and Mental Hygiene.

Percolation areas and water wells for adjoining lots have been shown where pertinent.

APPROVED: For Private Water and Private Sewage Systems

*[Signature]*  
County Health Officer / *F.S.*

*12/13/12*  
Date

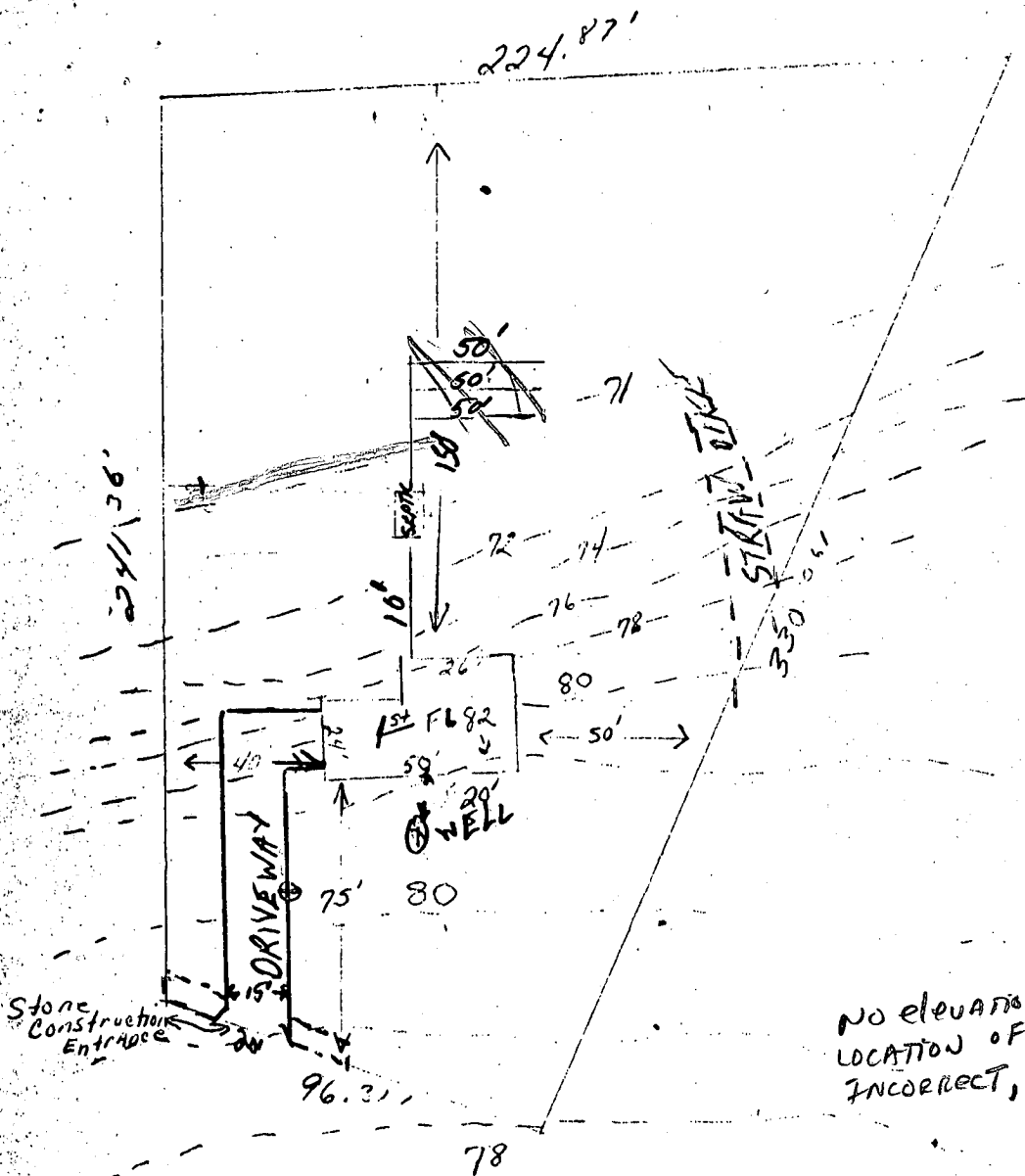
PERCOLATION TEST PLAT

PARCEL 12D

TALHOTT'S LAST SHIFT  
PROPERTY OF

HOWARD ASSOCIATES  
1st Election District  
Howard County, Maryland  
Scale 1" = 100'  
Date 12, 13, 12

NTT ASSOCIATES, INC.  
Suite 101, Sterrett Place  
Columbia, Maryland 21044  
321-0307



Lot 12D Ilchester Road  
 Present Topo will not change except minor change  
 around house to allow proper drainage.

*well at #15*  
 B.P. # 68375  
 ANDERSON

1-13-85 informed of need for elev's, 77,  
 & more house if well located as shown (20')



B 1 6328

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

OEP PERMIT NUMBER

40-81-1260

(THIS NUMBER IS TO BE PUNCHED IN COLS 3-6 ON ALL CARDS)

please print or type

fill in this form completely

Date Received

12/02/85

OWNER INFORMATION

SUNSHINE HOMES

8095 VENTNOR RD

PASADENA MD 21122

LOCATION OF WELL

R-36294 40.00

HOWARD

TALBOTS LAST SHIFT

SECTION D LOT 12

ITHESTERBELLCOTT CITY

MILES FROM TOWN (enter 0 if in town) 2 MI

DRILLER INFORMATION

GEORGE F. EASTERDAY 41

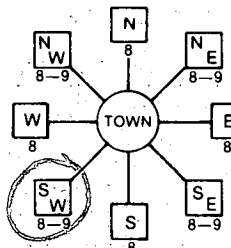
L.F. EASTERDAY, INC

9265 BROWN CH. RD, MT. AIRY, MD 21771

George F. Easterday 11/27/85

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Ulchester Rd

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD 11

ENTER FT or MI 11 MI

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard A32317 COUNTY NAME COUNTY NO.

OEP SIGNATURE STATE HEALTH INSERT S

DATE ISSUED 12/1/85 CO SIGNATURE Chris Williams 6/11/86 EXP. DATE

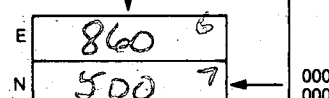
NORTH GRID 507000 EAST GRID 0866000

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

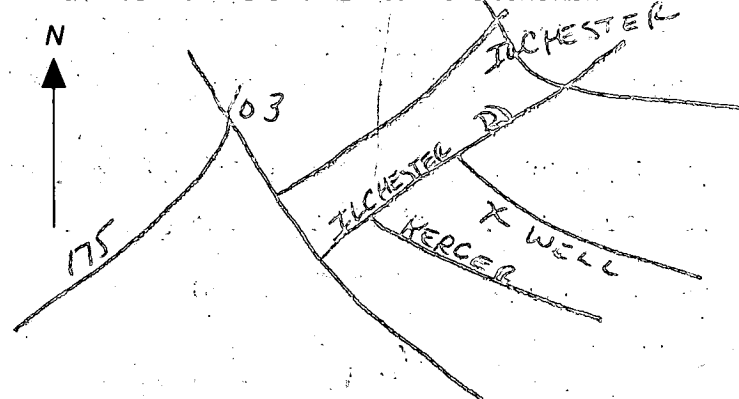
SOURCES OF DRILLING WATER

- 1. WELL
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE



DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN

AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary)

CABLE REVerse-ROTary Drive-POINT

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- N THIS WELL WILL NOT REPLACE AN EXISTING WELL
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
D THIS WELL WILL DEEPEM AN EXISTING WELL

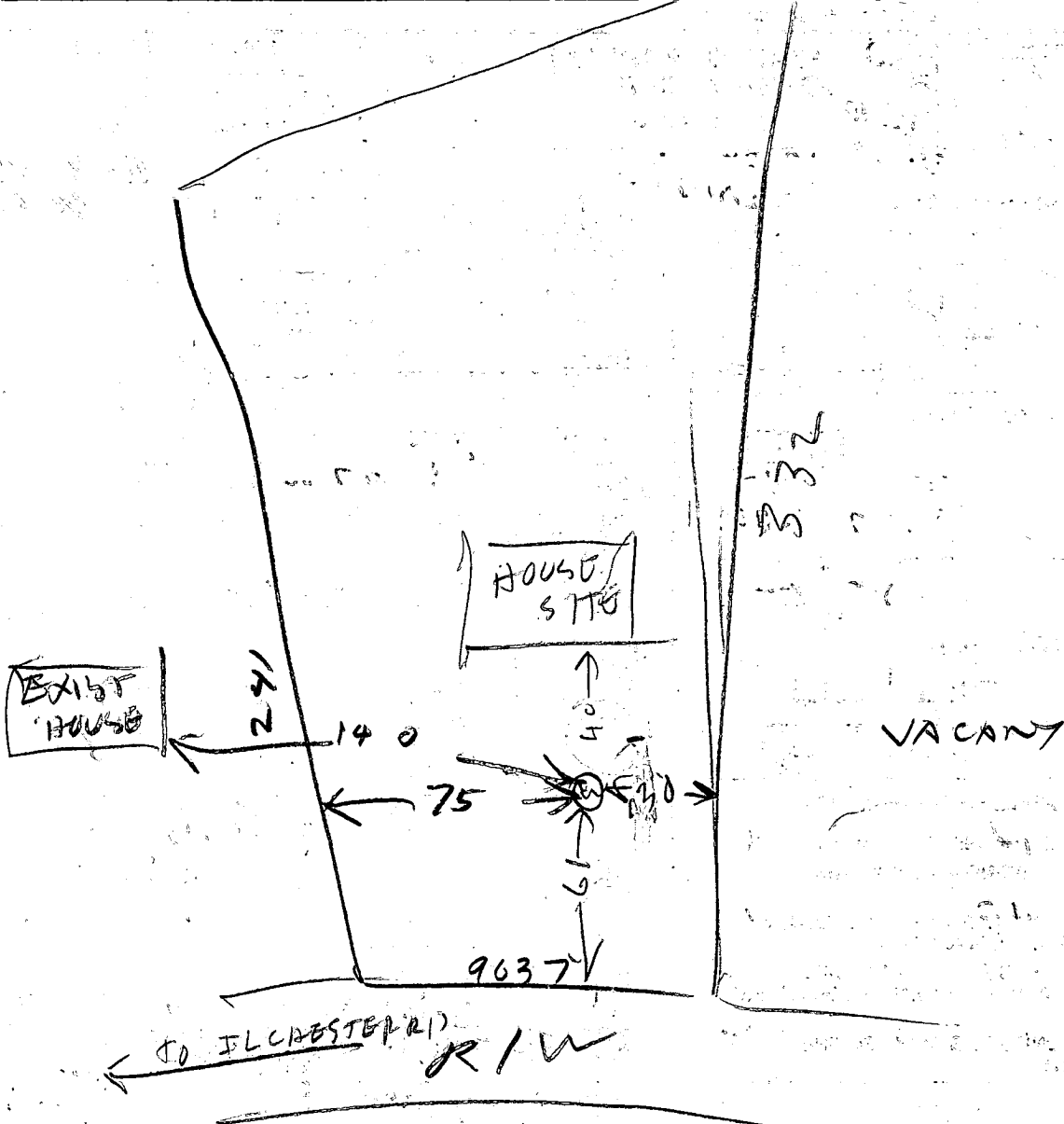
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

Not to be filled in by driller (OEP USE ONLY)

APPROX. PERMIT NUMBER GAP

FORCE CW WRITE INITIALS IN BOX PERMIT No. 40-81-1260

SPECIAL CONDITIONS



~~1/2~~ 1/3 186

- ① 19.5 FT OPEN HOLE MEASURED WITH A STRAP
- ② 2 FT OUT OF GROUND OF CASING
- ③ LOCATION OK PER PLANS
- ④ 1055<sup>SAT</sup> TO 1125 AM GROUTING SHOW

R. HODGES  
 1/2/86

→ 1/3/86 42<sup>5</sup> ft casing  
 38 ft open hole (each days measurements)  
 took 9 bags cement  
 H<sub>2</sub>O sample taken H9591

C1 2517 SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER A 32317

DATE RECEIVED DATE WELL COMPLETED 123185

Depth of Well 2200 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-81-1260

OWNER SUNSHINE HOMES last name ILCHESTER RD first name TOWN ELLICOTT CITY SUBDIVISION TALBOTT'S LAST SNIFF SECTION LOT 12D

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows include topsoil, orange sand w/gravel, gray clay, gray granite, gray granite w/flint, gray granite.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle appropriate box) TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS 9 NO. OF POUNDS 900

CASING RECORD casing types insert appropriate code below ST CO STEEL CONCRETE PL OT PLASTIC OTHER

MAIN CASING Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot) ST 6 42

OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD screen type or open hole insert appropriate code below ST BR HO STEEL BRASS OPEN HOLE PL OT PLASTIC OTHER

DEPTH (nearest ft.) HO 40 200 SLOT SIZE DIAMETER OF SCREEN

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

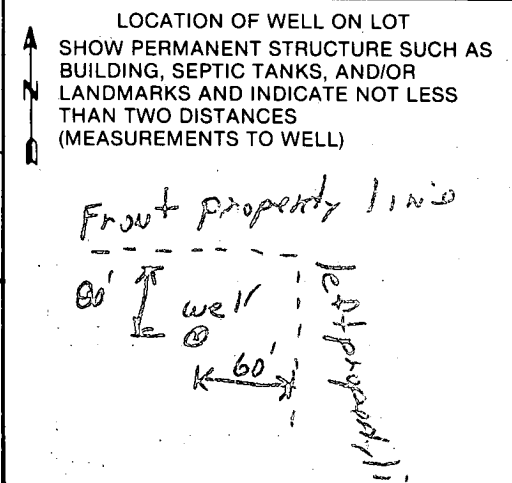
DRILLERS IDENT. NO. 40 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) Robert K. Neuhoe SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) WQ TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 16 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 27 WHEN PUMPING 42 TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED DRILLER WILL INSTALL PUMP YES NO IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) above below LAND SURFACE (nearest foot)





Page \_\_\_\_\_ of \_\_\_\_\_  
 Date \_\_\_\_\_

11/3/86  
 OK & completed  
 RW

Review \_\_\_\_\_

FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

ANDERSON

Well Permit No. HO - 81-1260  
 Location of property (road) TILCHESTER RD  
 Subdivision TALBOTS LAST SHIEV Lot 12D Block \_\_\_\_\_ Plat \_\_\_\_\_ Sec. \_\_\_\_\_  
 Well Driller GEORGE EASTERDAY Owner SUNSHINE HOMES

Depth of well 200 ft  
 Distance of measuring point (M.P.) above ground 2 ft  
 Static water level (S.W.L.) below M.P. 27 ft

High rate pumping -- reservoir drawdown

Time pump started 8:30 am Pumping rate 100 gpm  
 Total time 15 min to reach pumping water level 38 ft. below M.P.

1. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill #1 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
9:30	42	6		10 gpm
9:45	42	6		10
10:00	43	6		10
10:15	44	6		10
10:30	42	6		10
* Grouting done prior to arrival (discrepancy between annular spaces)				
H <sub>2</sub> O sample taken 9:30 am H9591				

Richard Feuer

P.O. Box 861

Phone 848-4170 876-1911

# WESTMINSTER ROTARY WELL DRILLING, INC.

## DANA KYKER & SONS

BLAST HOLE DRILLING

*Commercial & Domestic*

April 17, 1984

Howard County Health Department  
P.O. Box #476  
Ellicott City, Maryland 21043

Request for Extension of Well Permit

Date 4/21/84

Health Department Permit # A 32317

Water Resources Permit # HO-81-0308

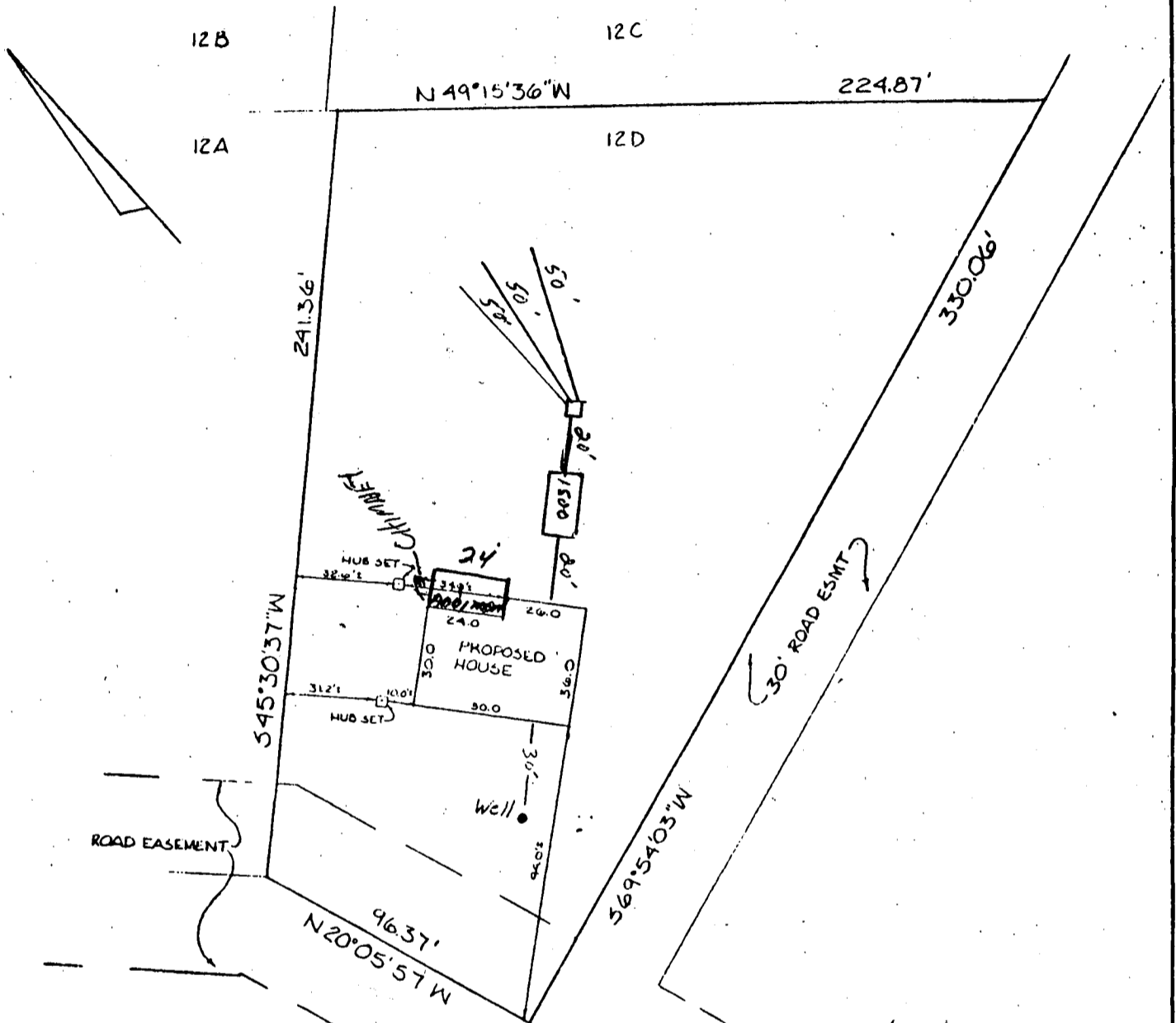
I request that the above Permit to Drill a Well be extended for a period of six months.

Thank you.

*Ronald Kyker*  
*Dana Kyker & Sons*  
*Westm. Rotary Well Drilling, Inc.*

*5/8/84 Request approved. Permit will now expire on 10/21/84*  
*Frank Skinner*





4/6/89  
 of sign  
 B J Hodger



I hereby certify that I have surveyed  
 Lot No. 12.D. of Section . . . of  
 TAIBOTS LAST SHIFT . . . . .

Plat Recorded in Plat Book No. . . . .  
 Folio No. . . . . Plat No. . . . .  
 Scale . 50' . . . W.O. No. 85-1957. .

Subdivision  
 Deed Reference  
 Liber . . . . . Folio . . . . .  
 Clarence H. Miller 1/16/80  
 Clarence H. Miller Date  
 Reg. Prof. Surveyor No. 4011

	<b>c.h. miller &amp; associates, inc.</b> land surveying services 650 Ritchie Highway, Monumental Title Building Severna Park, Maryland 21146 Phone: (301) 647-2727
	eastern shore office P.O. Box 417 Stevensville, Maryland 21666 Phone: (301) 643-3612